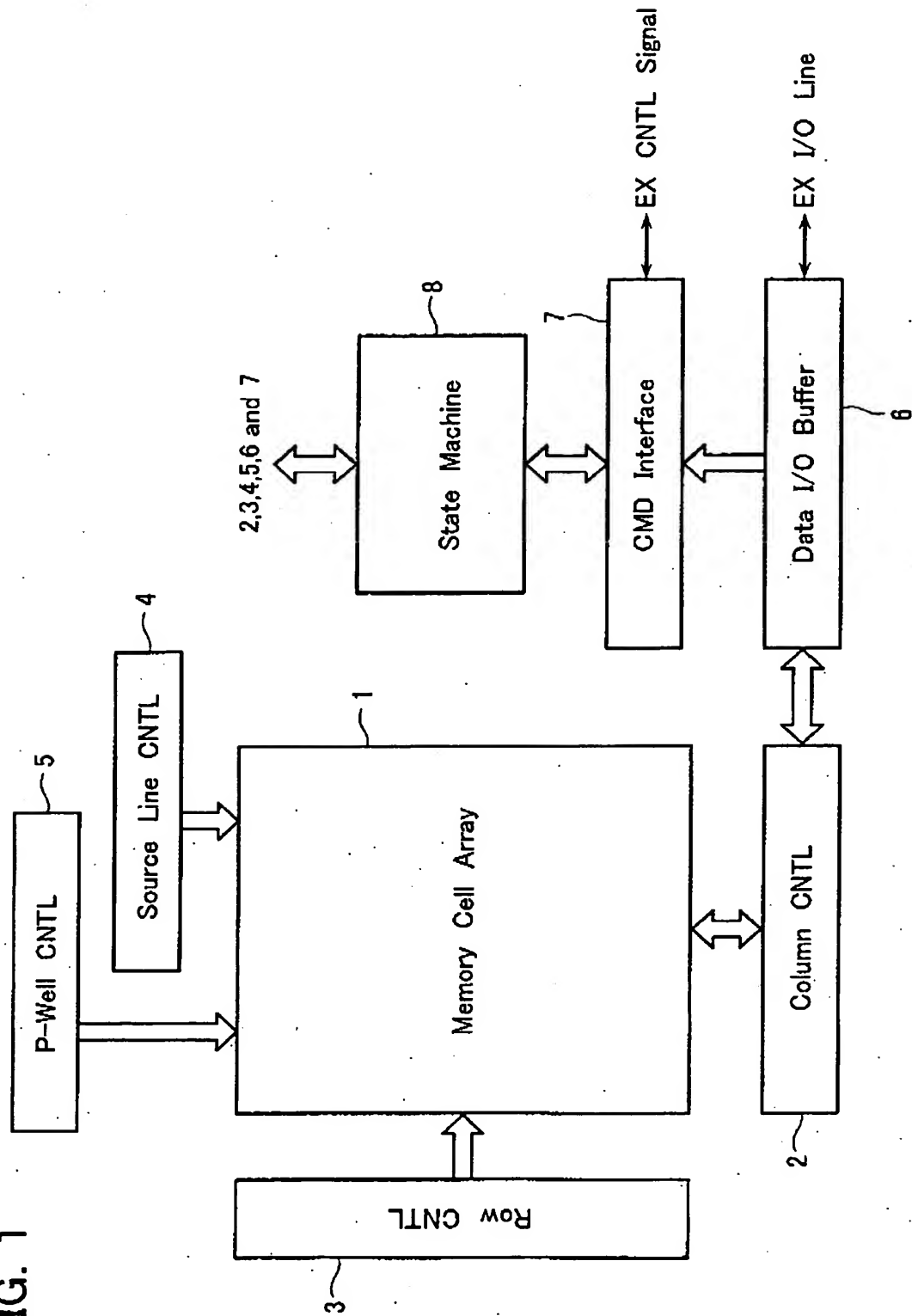


FIG. 1



2/16

FIG. 2

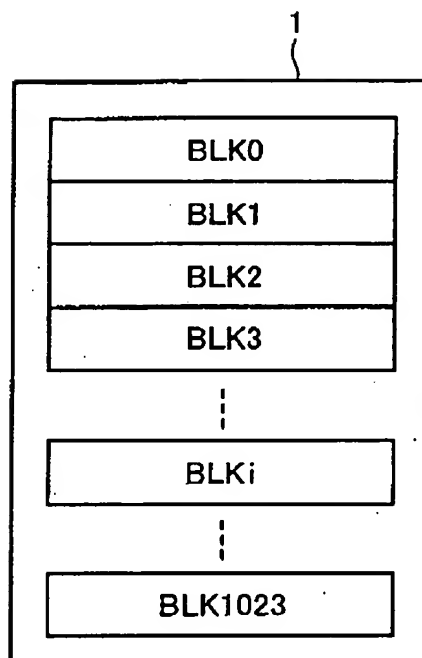
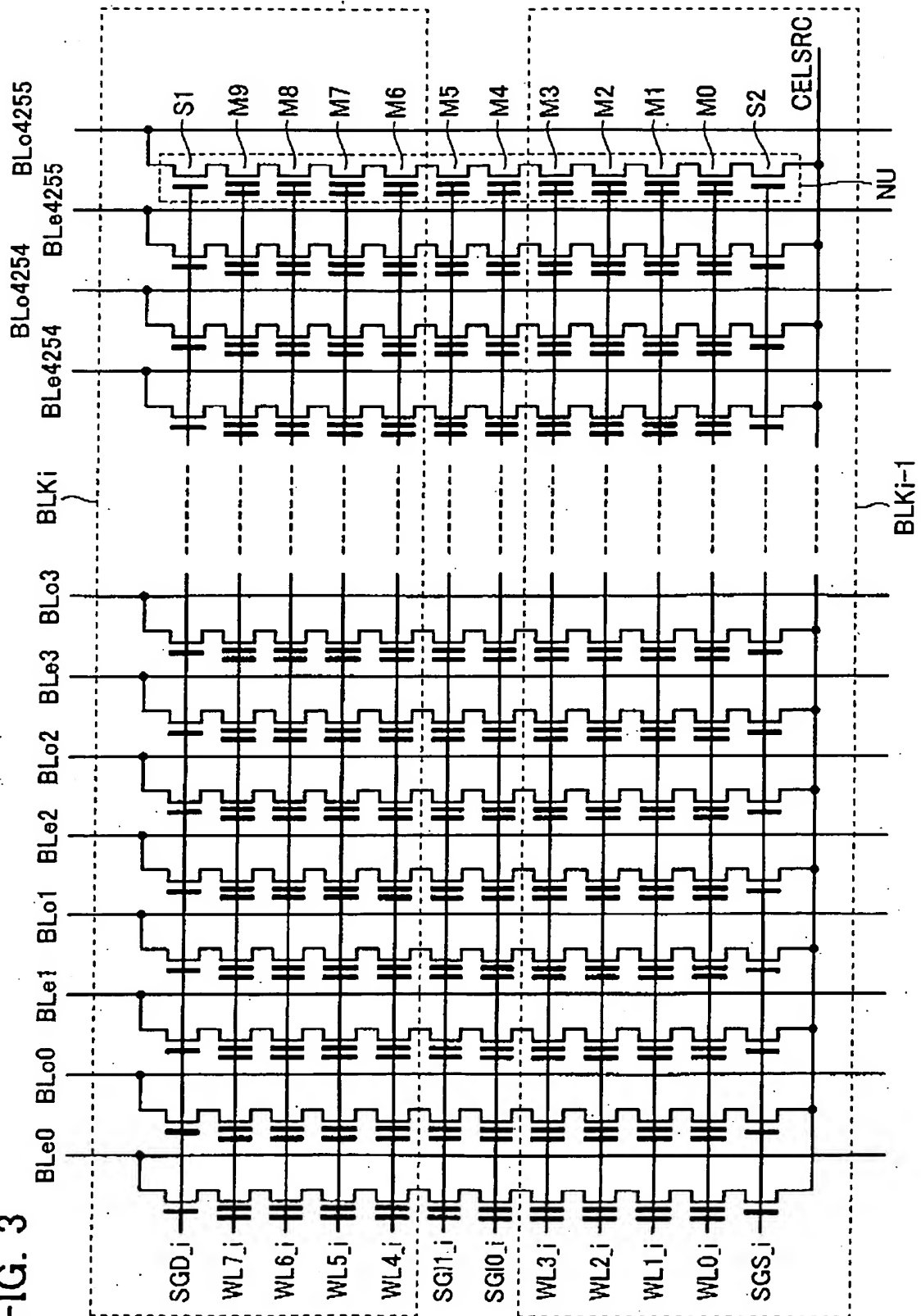


FIG. 3



[illegible]

5/16

FIG. 5

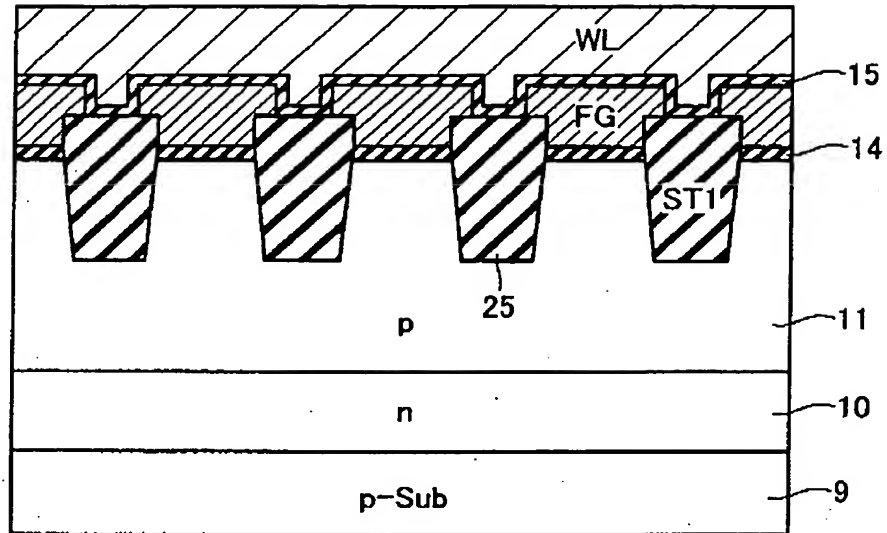
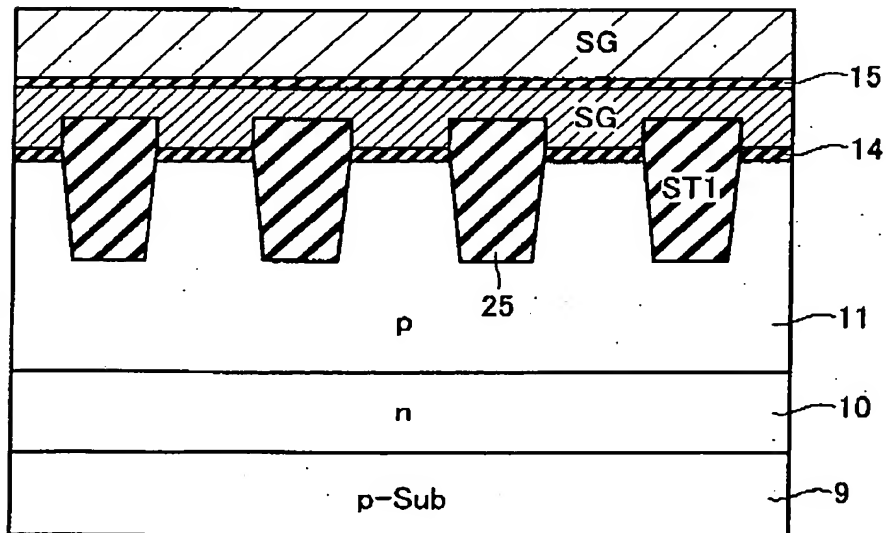


FIG. 6



6/16

FIG. 7

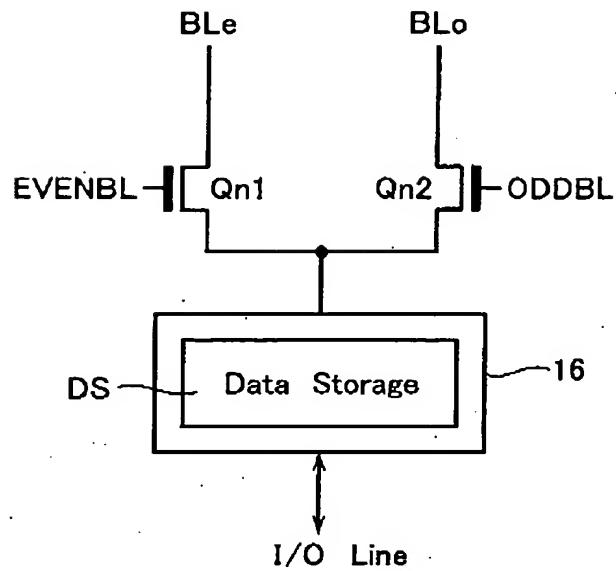
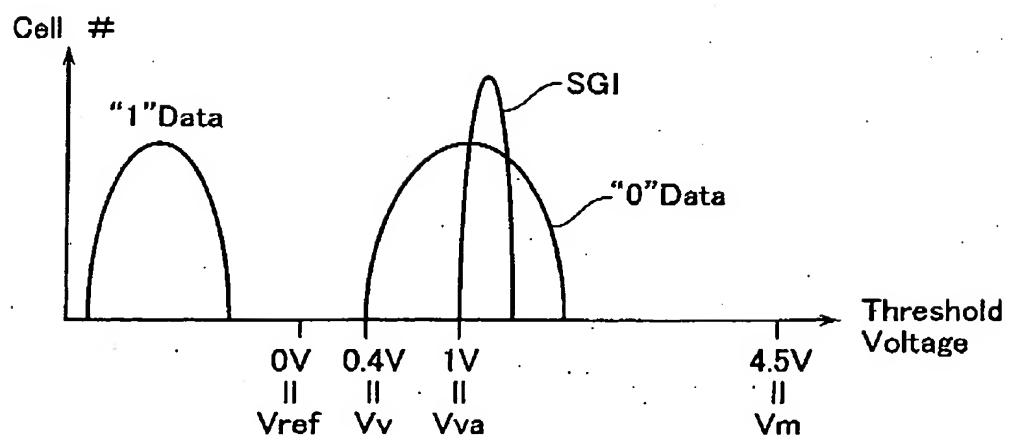


FIG. 8



7/16

FIG. 9

	Erase	"0" Write	"1" Write	Read	Write-Verify
BL _e	Floating	0V	V _{dd}	H or L	H or L
BL _o	Floating	V _{dd}	V _{dd}	0V	0V
SGD	Floating	V _{dd}	V _{dd}	4.5V	4.5V
WL ₇	Floating	4.5V	4.5V	4.5V	4.5V
WL ₆	Floating	4.5V	4.5V	4.5V	4.5V
WL ₅	Floating	4.5V	4.5V	4.5V	4.5V
WL ₄	Floating	4.5V	4.5V	4.5V	4.5V
SGI ₁	Floating	V _{dd}	V _{dd}	4.5V	4.5V
SGI ₀	Floating	V _{dd}	V _{dd}	4.5V	4.5V
WL ₃	0V	10V	10V	4.5V	4.5V
WL ₂	0V	10V	10V	4.5V	4.5V
WL ₁	0V	V _{pgm}	V _{pgm}	0V	0.4V
WL ₀	0V	10V	10V	4.5V	4.5V
SGS	Floating	0V	0V	4.5V	4.5V
CELSRC	Floating	0V	0V	0V	0V
C-p-well	20V	0V	0V	0V	0V

BLK_i

BLK_{i-1}

8/16

FIG. 10

	Erase	"0" Write	"1" Write	Read	Write-Verify
BL _e	Floating	0V	V _{dd}	H or L	H or L
BL _o	Floating	V _{dd}	V _{dd}	0V	0V
SGD	Floating	V _{dd}	V _{dd}	4.5V	4.5V
WL ₇	0V	10V	10V	4.5V	4.5V
WL ₆	0V	10V	10V	4.5V	4.5V
WL ₅	0V	V _{pgm}	V _{pgm}	0V	0.4V
WL ₄	0V	10V	10V	4.5V	4.5V
SGI ₁	Floating	0V	0V	4.5V	4.5V
SGI ₀	Floating	0V	0V	4.5V	4.5V
WL ₃	Floating	4.5V	4.5V	4.5V	4.5V
WL ₂	Floating	4.5V	4.5V	4.5V	4.5V
WL ₁	Floating	4.5V	4.5V	4.5V	4.5V
WL ₀	Floating	4.5V	4.5V	4.5V	4.5V
SGS	Floating	0V	0V	4.5V	4.5V
CELSRC	Floating	0V	0V	0V	0V
C-p-well	20V	0V	0V	0V	0V

BLK_i

BLK_{i-1}

9/16

FIG. 11

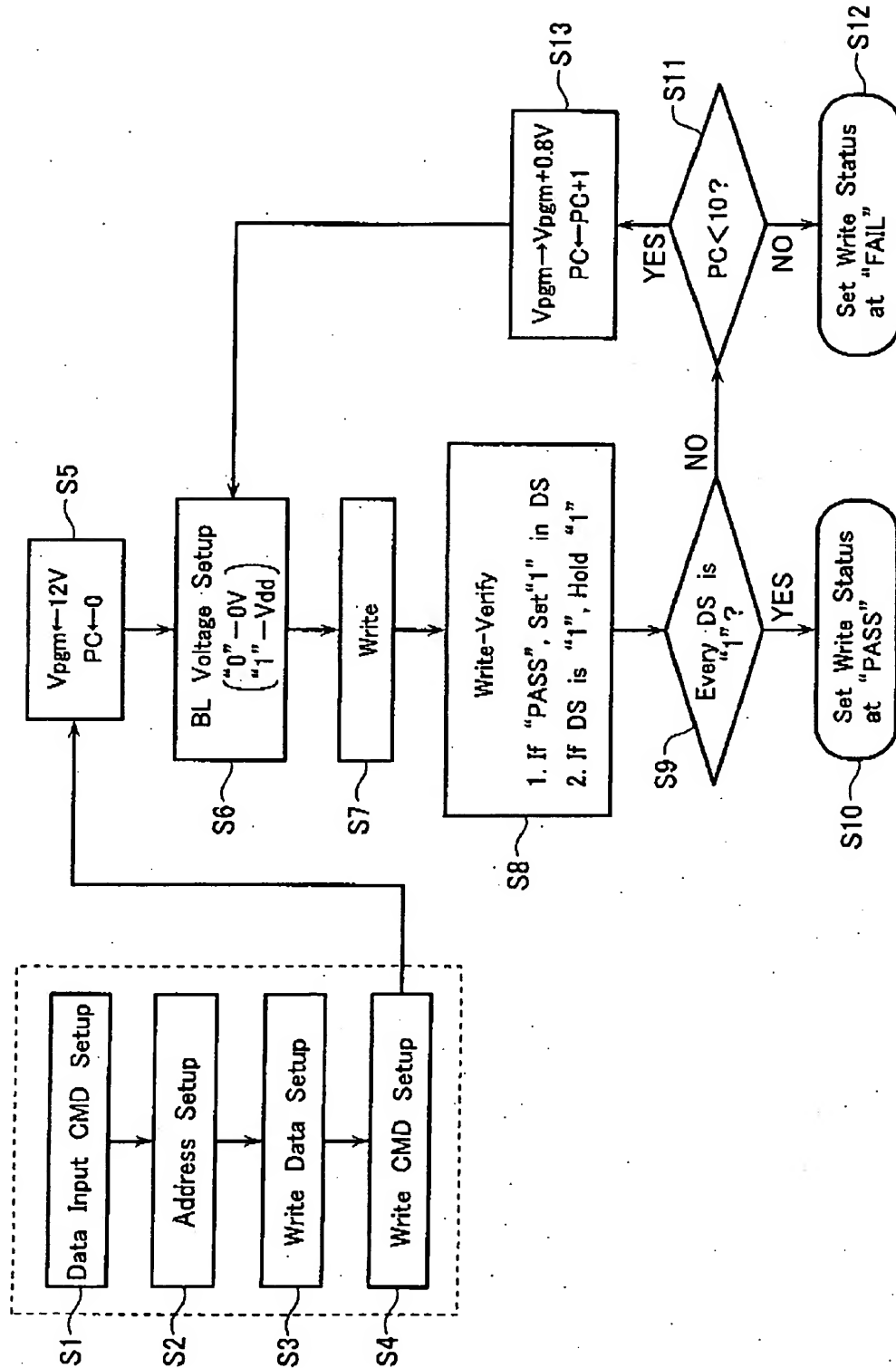
	Erase	"0" Write	"1" Write	Read	Write-Verify
BL _e	Floating	0V	V _{dd}	H or L	H or L
BL _o	Floating	V _{dd}	V _{dd}	0V	0V
SGD	Floating	V _{dd}	V _{dd}	4.5V	4.5V
WL ₇	Floating	10V	10V	4.5V	4.5V
WL ₆	Floating	10V	10V	4.5V	4.5V
WL ₅	Floating	10V	10V	4.5V	0.4V
WL ₄	Floating	10V	10V	4.5V	4.5V
SGI ₁	0V	V _{pgm}	V _{pgm}	0V	1V
SGI ₀	0V	10V	10V	4.5V	4.5V
WL ₃	Floating	10V	10V	4.5V	4.5V
WL ₂	Floating	10V	10V	4.5V	4.5V
WL ₁	Floating	10V	10V	4.5V	4.5V
WL ₀	Floating	10V	10V	4.5V	4.5V
SGS	Floating	0V	0V	4.5V	4.5V
CELSRC	Floating	0V	0V	0V	0V
C-p-well	20V	0V	0V	0V	0V

BLK_i

BLK_{i-1}

10/16

FIG. 12



11/16

FIG. 13

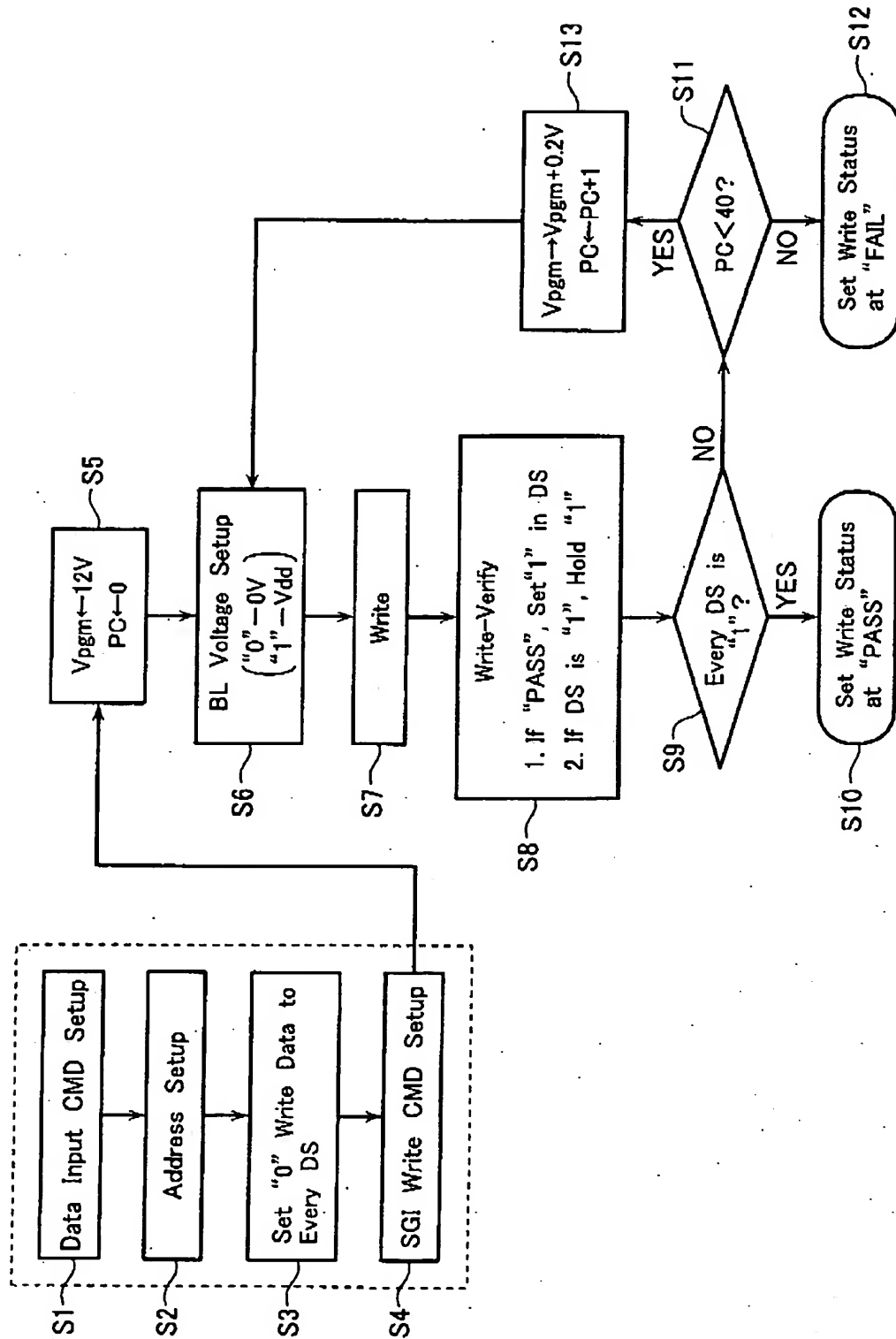
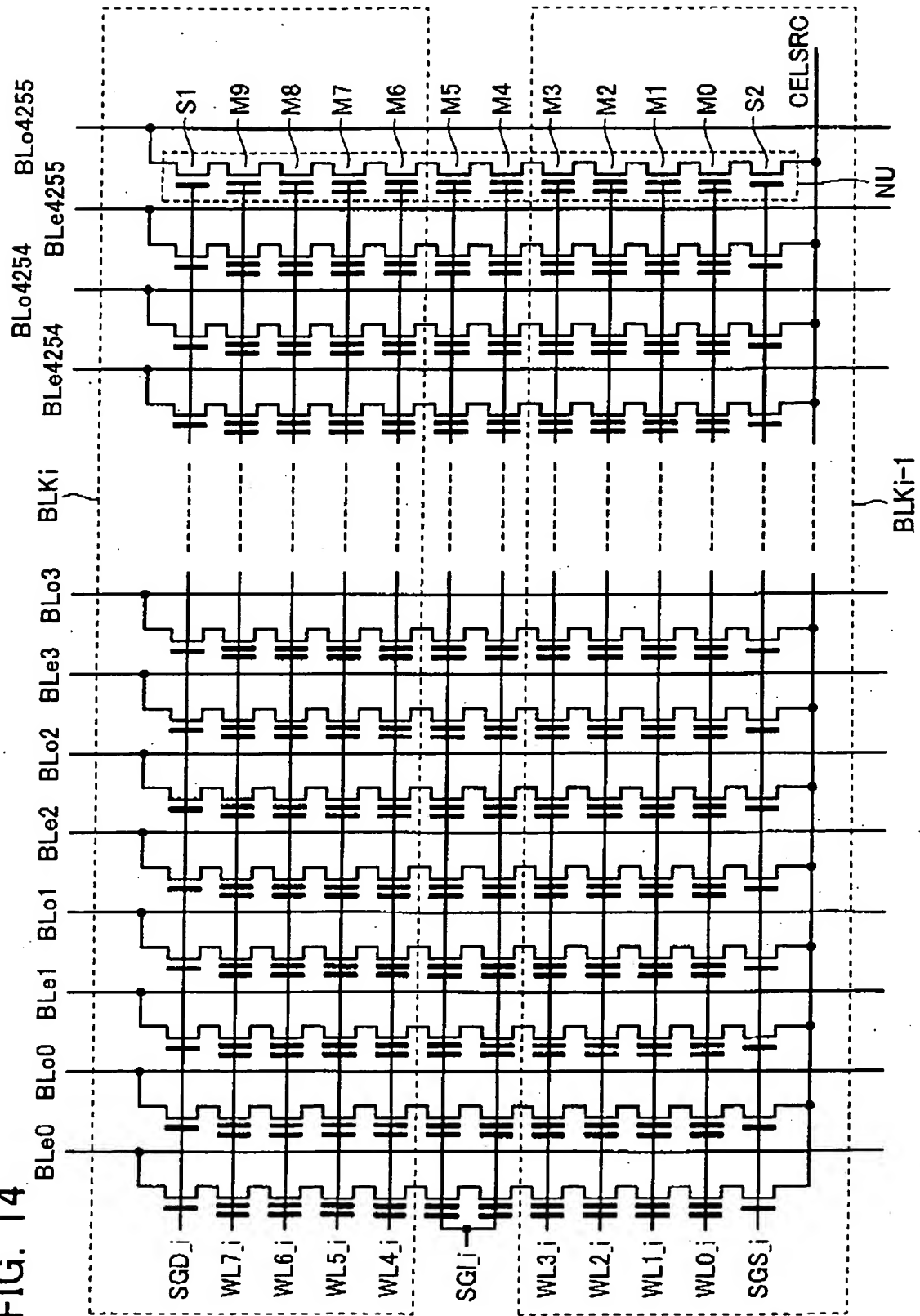
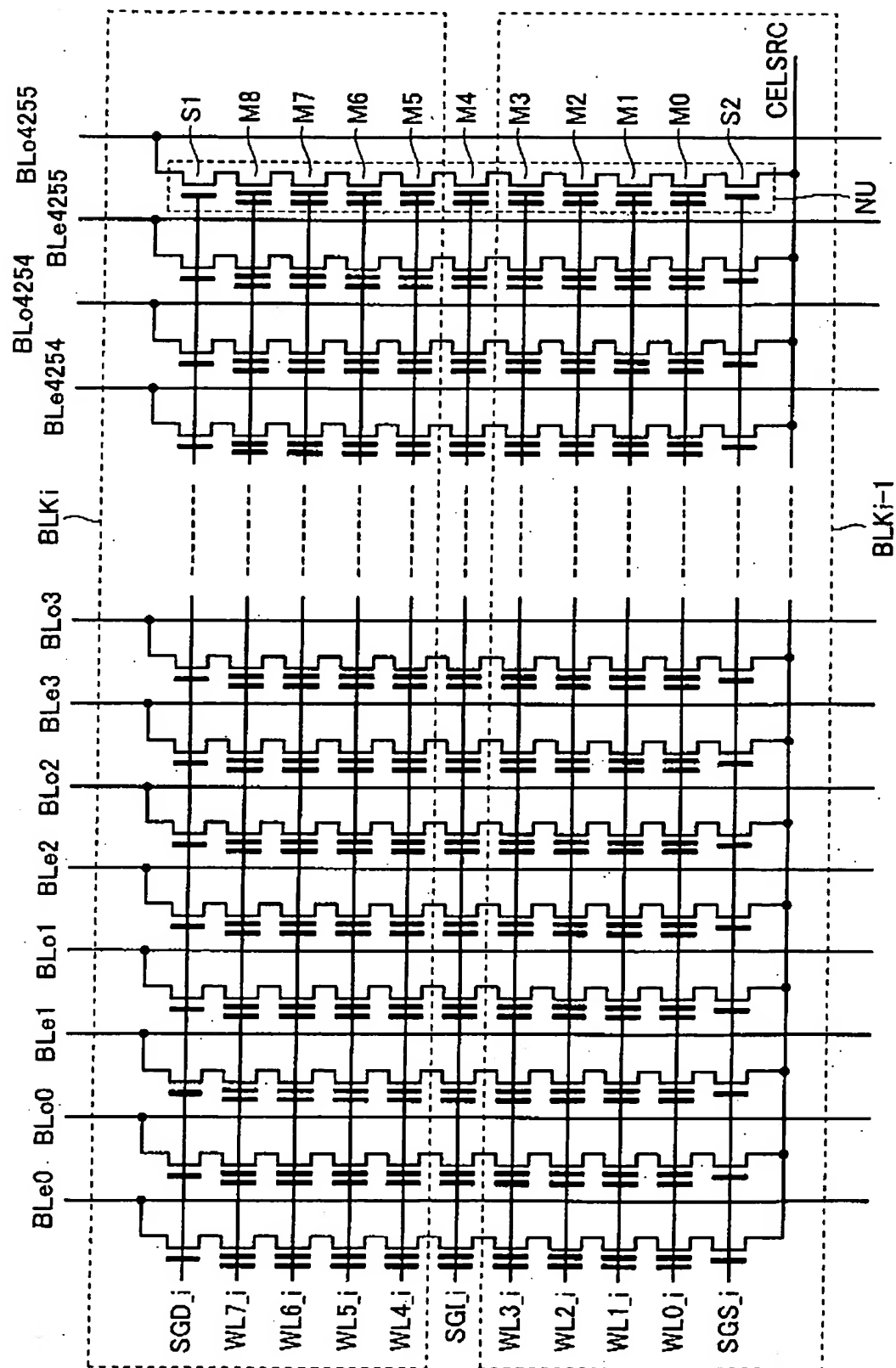


FIG. 14



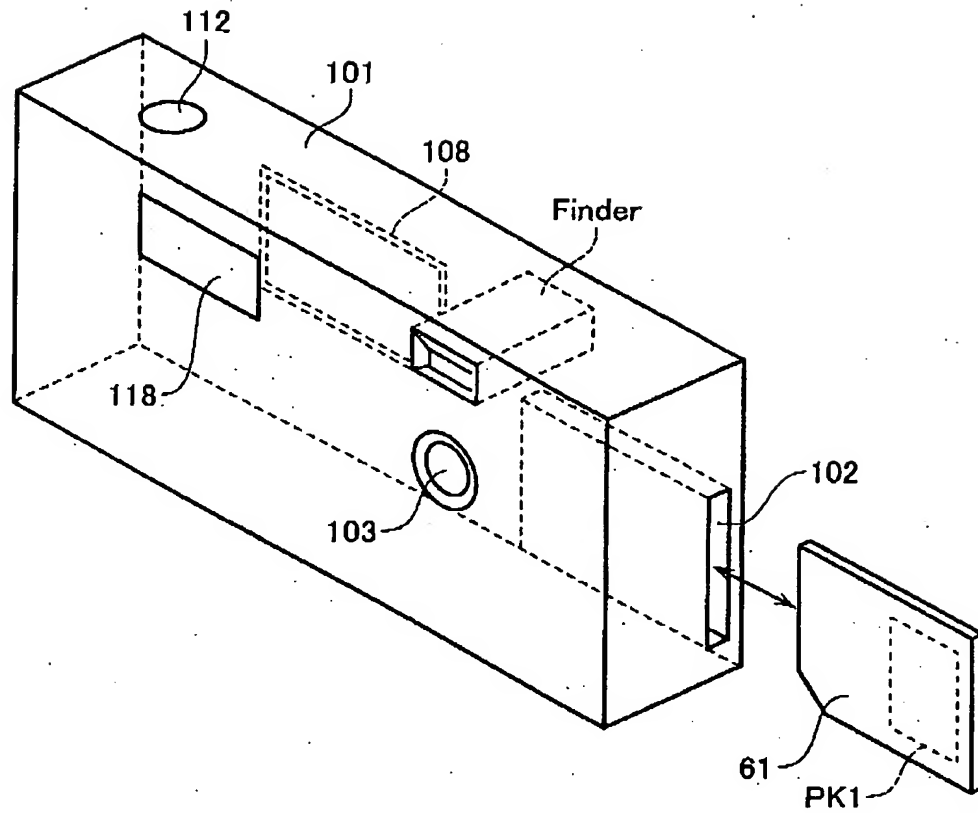
13/16

FIG. 15



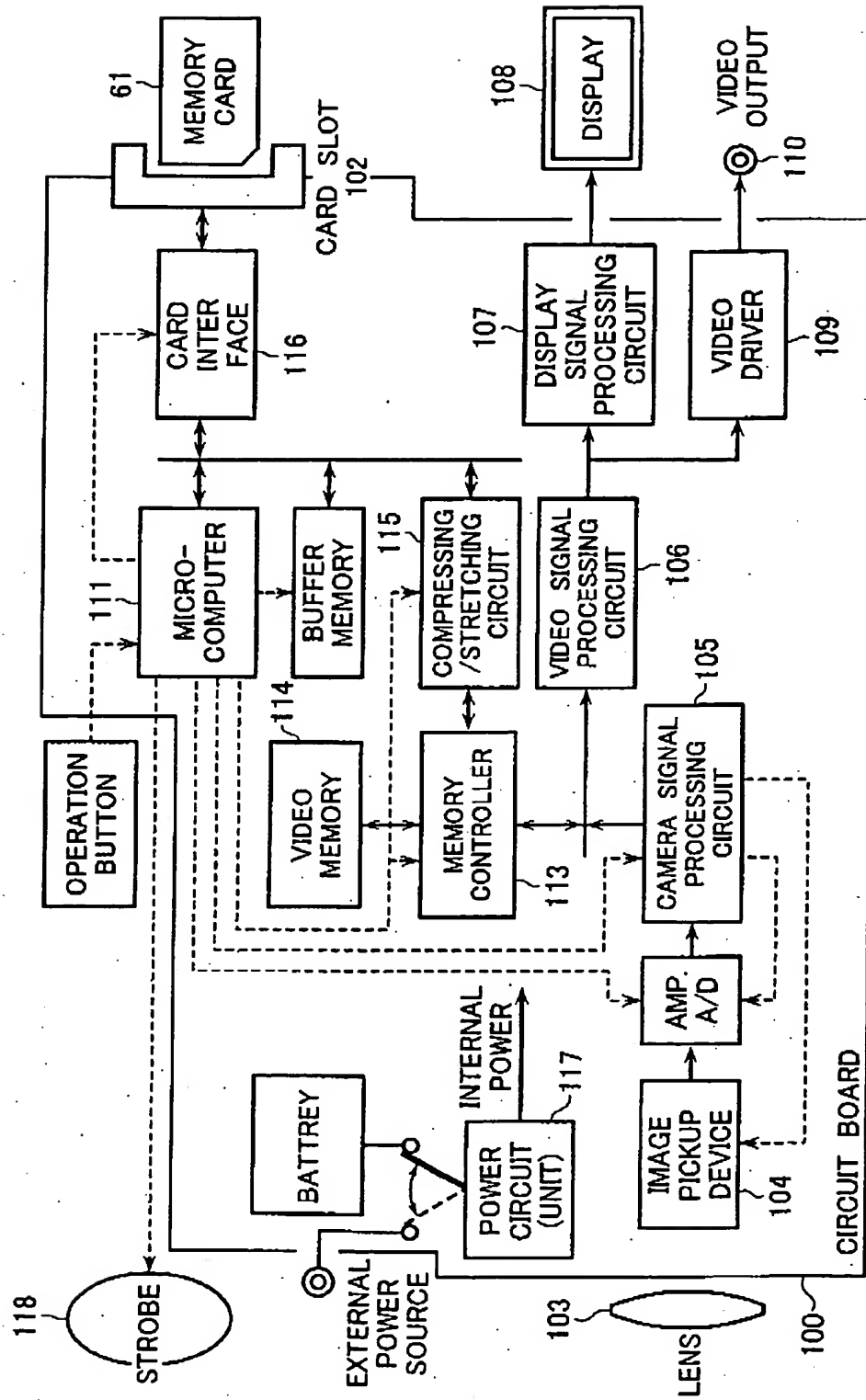
14/16

FIG. 16



15/16

FIG. 17



16/16

FIG. 18A

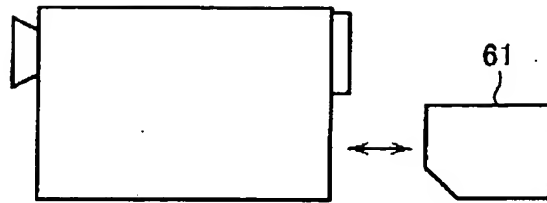


FIG. 18F

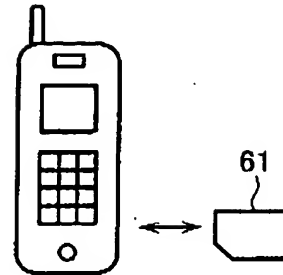


FIG. 18B

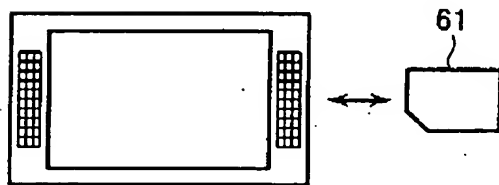


FIG. 18G

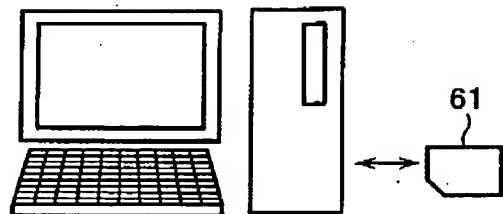


FIG. 18C

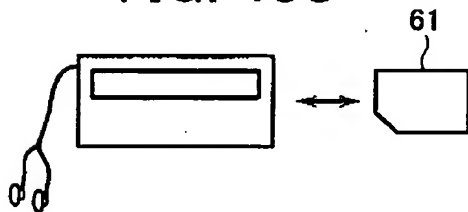


FIG. 18H

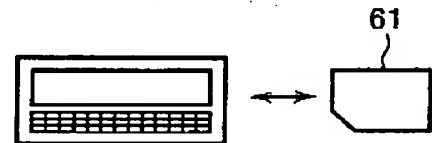


FIG. 18D

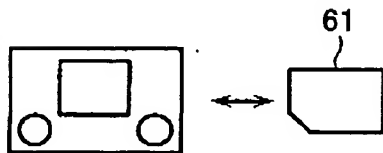


FIG. 18I

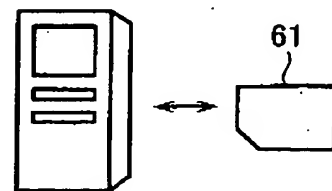


FIG. 18E

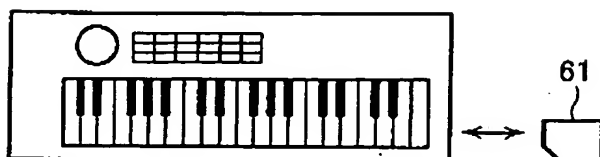


FIG. 18J

